U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

APPLICATION AS FILED - PART I (Column 1) (Column 2)				n 2)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER F	FILED	NUMBER E	XTRA	RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)
ASIC FEE									
7 CFR 1.16(a), (b), or (c)) EARCH FEE									
7 CFR 1.16(k), (i), or (m)) XAMINATION FEE									
7 CFR 1.16(0), (p), or (q)) OTAL CLAIMS	 		1.		х =		OR	× =	
37 CFR 1.16(i)) NDEPENDENT CLAIMS	 	ninus 20 =			х =		1	X =	
APPLICATION SIZE FEE FEE FOR 1.16(s)	If the specifisheets of partial is \$250 (\$13)	aper, the 25 for sm 30 sheets	nd drawings exc application size all entity) for ea or fraction there and 37 CFR	e fee due ach eof. See					•
MULTIPLE DEPENDENT	T CLAIM PRESE	NT (37 CFI	₹ 1.16(j))		L		1 1		
If the difference in colu	mn 1 is less than	zero, ente	r "0" in column 2.		TOTAL	L	J	TOTAL	<u> </u>
1	(Column 1) CLAIMS REMAINING AFTER		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL RATE (\$)	ADDI- TIONAL FEE (\$)	OR		ENTITY ADDITIONAL FEE (\$
针 1	AMENDMENT						7		
Total '	AMENDMEN	Minus	20.	0	х =	•	OR	x =	-
Total '	18	Minus	10.	9	x =		OR	x =	
Total '	18	Minus	10.		<u> </u>				
Total (17 CFR 1.16(i)) Independent (17 CFR 1.16(h)) Application Size F	18	Minus 6(s))	4	R 1.16(i))	х =			X =	
Total (17 CFR 1.16(i)) Independent (17 CFR 1.16(h)) Application Size F	Fee (37 CFR 1.16	Minus 6(s))	4	R 1.16(0)	<u> </u>		OR		J
Total (17 CFR 1.16(i)) Independent (17 CFR 1.16(h)) Application Size F	Fee (37 CFR 1.16	Minus 6(s))	4	(Column 3)	X =		OR OR	X =	v
Total (17 CFR 1.16(i)) Independent (17 CFR 1.16(h)) Application Size F	Fee (37 CFR 1.16 IION OF MULTIPLE (Column 1) CLAIMS REMAINING AFTER	Minus 6(s))	NT CLAIM (37 CF (Column 2) HIGHEST NUMBER PREVIOUSLY	-	X =		OR OR OR	X =	ADDI TIONA FEE (
Total (37 CFR 1.16(1)) Independent (37 CFR 1.16(N)) Application Size F FIRST PRESENTAT	Fee (37 CFR 1.16 IION OF MULTIPLE (Column 1) CLAIMS REMAINING	Minus 6(s))	NT CLAIM (37 CF (Column 2) HIGHEST NUMBER	(Column 3)	TOTAL ADD'L FEE	ADDITIONAL	OR OR OR	TOTAL ADD'L FEE	ADDI
Total (p7 CFR 1.16(n)) Independent (p7 CFR 1.16(n)) Application Size F FIRST PRESENTAT	Fee (37 CFR 1.16 IION OF MULTIPLE (Column 1) CLAIMS REMAINING AFTER	Minus G(s)) E DEPENDE	NT CLAIM (37 CF (Column 2) HIGHEST NUMBER PREVIOUSLY	(Column 3)	TOTAL ADD'L FEE	ADDI- TIONAL FEE (\$)	OR OR	TOTAL ADD'L FEE RATE (\$)	ADDITIONAL FEE (
Total (17 CFR 1.16(1)) Independent (17 CFR 1.16(h)) Application Size F FIRST PRESENTAT	Fee (37 CFR 1.16 IION OF MULTIPLE (Column 1) CLAIMS REMAINING AFTER	Minus DEPENDE Minus Minus	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	TOTAL ADD'L FEE	ADDI- TIONAL FEE (\$)	OR OR OR	TOTAL ADD'L FEE RATE (\$)	ADDO
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The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.